

SAFETY DATA SHEET



Date Issued : 7/24/2015
SDS No : 134757

Rot-Stop Epoxy Resin

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Rot-Stop Epoxy Resin
GENERAL USE: Epoxy Resin Systems
PRODUCT CODE: 134757

MANUFACTURER

Fiberglass Coatings Inc.
4301A 34th Street North
St. Petersburg, FL 33714
Customer Service: (800) 272-7890
E-Mail: www.fgci.com
Emergency Contact: Chem-Tel
Emergency Phone: (800) 255-3924

24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel (800) 255-3924

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2
Skin Irritation, Category 3
Skin Sensitization, Category 3

GHS LABEL



Exclamation
mark



Corrosion

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H320: Causes eye irritation.
H315: Causes skin irritation.

PRECAUTIONARY STATEMENT(S)

Prevention:

P280: Wear eye protection.

Response:

P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing.

Storage:

P233: Keep container tightly closed.

P235+P410: Keep cool. Protect from sunlight.

Disposal:

P501: Dispose of container and its contents in accordance with all Federal, State, and local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Bisphenol A/epichlorohydrin Resin	> 75	25068-38-6
N-butyl Glycidyl Ether	< 15	2426-08-6
Oxirane, Mono[(c12-14-alkyloxy)methyl] Derivs.	< 10	68609-97-2
2-Ethylhexyl glycidyl ether	< 3	2461-15-6

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists seek immediate medical attention.

SKIN: Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation persists. Wash clothing before reuse.

INGESTION: Single dose oral toxicity is considered to be extremely low. No hazards anticipated from swallowing small amounts of incidental to normal handling operations.

INHALATION: Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

SKIN: Repeated and/or prolonged exposure may cause skin sensitization.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not categorized as Flammable by GHS standards.

GENERAL HAZARD: Downwind personnel must be evacuated. Burning produces noxious and toxic fumes.

EXTINGUISHING MEDIA: Water fog or fine spray, Dry Chemical, CO₂, or Foam, use an extinguishing media suitable to any surrounding fire.

FIRE FIGHTING EQUIPMENT: Full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Dike and contain. Contain run-off and dispose of properly. Remove contaminated soil to remove contaminated trace residues. Absorb with material such as sand, or polypropylene or polyethylene fiber products. Collect in suitable and properly label containers. Remove residual using hot soapy water. Residual can be removed with solvent. Solvents are not recommended for clean-up unless recommended exposure guidelines and safe handling practices for the specific solvent are followed. Consult appropriate solvent MSDS for handling instructions.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep container sealed in a cool place. Can react vigorously with strong oxidizing agents, strong lewis or mineral acids, and strong mineral or organic bases. Avoid contact with water or liquids. Do not allow molten product to contact water or other liquids, as this can cause violent eruptions, splatter hot material, or ignite flammable material. Reaction with some curing agents may cause considerable heat and possible violent decomposition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Bisphenol A/epichlorohydrin Resin	TWA	N/E [1]	[1]	N/E	
Oxirane, Mono[(c12-14-alkyloxy)methyl] Derivs.	TWA	N/E [1]	[1]	N/E	
Footnotes:					
1. N/E = Not Established					

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles. Always use proper eye protection around the work area.

SKIN: Butyl or EVAL-Laminate gloves.

RESPIRATORY: No respiratory protection is usually required under normal conditions of use.

WORK HYGIENIC PRACTICES: Never eat or drink in areas where the chemical is being used. Wash hands after handling to limit exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.

COLOR: Amber

FLASH POINT AND METHOD: > 93°C (200°F)

VAPOR DENSITY: 1 mbar at 77° C (171° F)

SOLUBILITY IN WATER: Negligible.

10. STABILITY AND REACTIVITY

STABLE: Yes

POLYMERIZATION: Hazardous polymerization will not occur by itself. Masses of more than one pound (0.5 kg) of product plus an aliphatic amine will cause irreversible polymerization with considerable heat build-up.

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition products depend on temperature, air supply, and the presence of other materials. Uncontrolled exothermic reaction of epoxy resins release phenolics, carbon monoxide and water.

INCOMPATIBLE MATERIALS: Can react vigorously with strong oxidizing agents, strong lewis or mineral acids, and strong mineral or organic bases. Avoid contact with water or liquids. Do not allow molten product to contact water or other liquids, as this can cause violent eruptions, splatter hot material, or ignite flammable material. Reaction with some curing agents may cause considerable heat and possible violent decomposition.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)
Bisphenol A/epichlorohydrin Resin	> 5000 mg / kg (Rat)	> 20000 mg / kg (Rabbit)
Oxirane, Mono[(c12-14-alkyloxy)methyl] Derivs.	17100 mg / kg (Rat)	> 4000 mg / kg (Rabbit)

DERMAL LD₅₀: > 2000 mg/kg (Rabbit)

ORAL LD₅₀: > 2000 mg/kg (Rat)

EYE EFFECTS: Eye irritant

SKIN EFFECTS: Skin Irritant, Sensitizer.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Empty containers may be disposed of in accordance with all Federal, State, and local requirements.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be in accordance to all Federal, State, and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated by DOT

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Immediate (acute) Health Hazard, Chronic (Delayed) Health Hazard.

313 REPORTABLE INGREDIENTS: None

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: Corrosive. Sensitizer.

CANADA

WHMIS CLASS: Class D-1B, Class D-2B, Class E Corrosive

DOMESTIC SUBSTANCE LIST (INVENTORY): Listed.

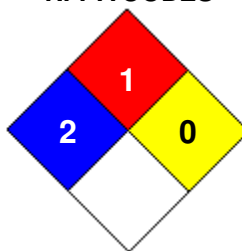
16. OTHER INFORMATION

PREPARED BY: Fiberglass Coatings, Inc. (GS)

HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	

NFPA CODES



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